

2-2.6 Construction Details

The construction detail sheet supplies supplementary information that cannot be shown on the layout plan sheets because of complex and extensive details required. Drawings on the construction detail sheets should typically depict greater details of items shown on the layouts. The details shown on the construction detail sheet are unique to a specific project and are those for which there are no Standard Plans or may be a detail from a standard plan which must be modified to fit site conditions. If the project requires only a small number of plan sheets and space is available on the layouts, then the construction details can be shown on the layouts.

Standard Plan details are never to be included as part of the contract plans unless a Standard Plan detail is being modified. When a small part of a Standard Plan drawing must be modified and included in the project plans, only the affected dimensioning should be shown and a reference made to the applicable Standard Plan sheet. If a Standard Plan drawing needs substantial modification and is included in the project plans, the modified detail should be fully dimensioned and no reference made to the associated standard plan.

Drawings on the construction detail sheets are not drawn to a specific scale. Drawings are usually drawn at a one to one proportion, but then enlarged to fit the border sheet. These sheets are typically labeled "No Scale," except for the possible inclusion of construction details such as, curb returns (scale 1"= 20'). Items need to be fully dimensioned so that they are buildable and the quantities are calculable. Examples of

construction items that may require construction details are curb and dike transitions, sidewalks, curbs, pavement surfacing conforms, and driveways. Details for other work (for example: drainage, signing, pavement delineation, etc.) are usually shown on their own detail sheets.

Pavement elevations may be shown on the construction detail sheets. Pavement elevations generally will be required at large curb returns, some speed-change lanes and at transition areas that cannot be defined with information on the profiles and superelevation diagrams.

Standard drawings of other agencies, when applicable to the project, shall be included as part of the project plan set. Referencing to a standard drawing number from another agency is not acceptable.

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